



FIG. 1 Activities of Deleted Beta-actin Promoter

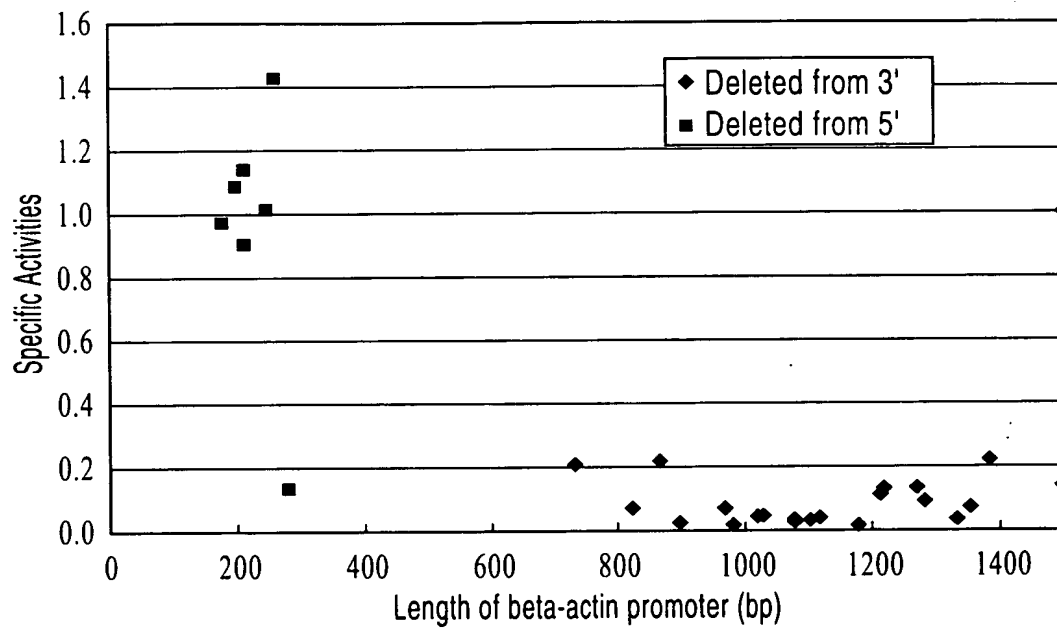


FIG.2

Construction of intermediate plasmid, pGI_{Pec}F, during the construction of homology plasmid, p45/46_{Pec}F.

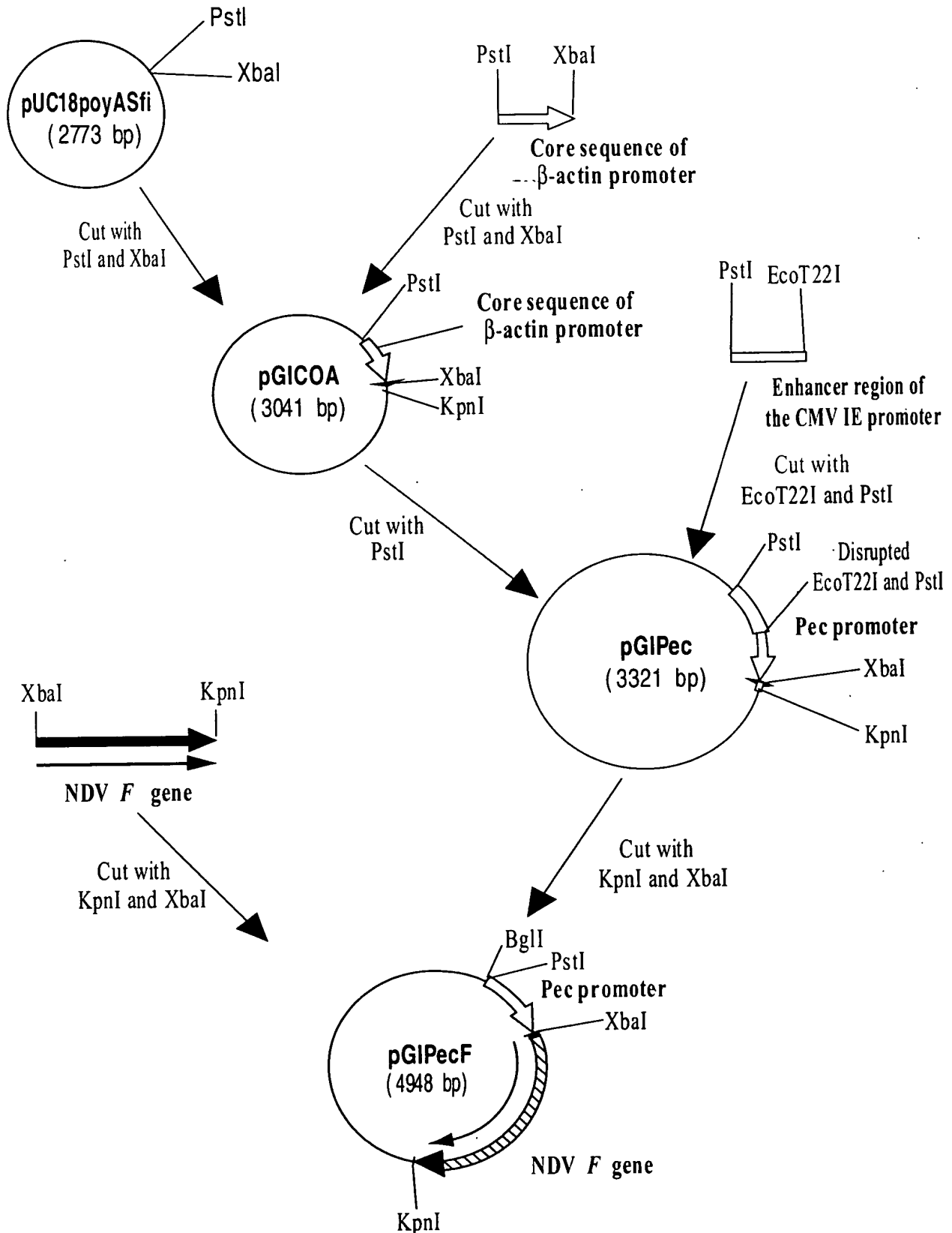
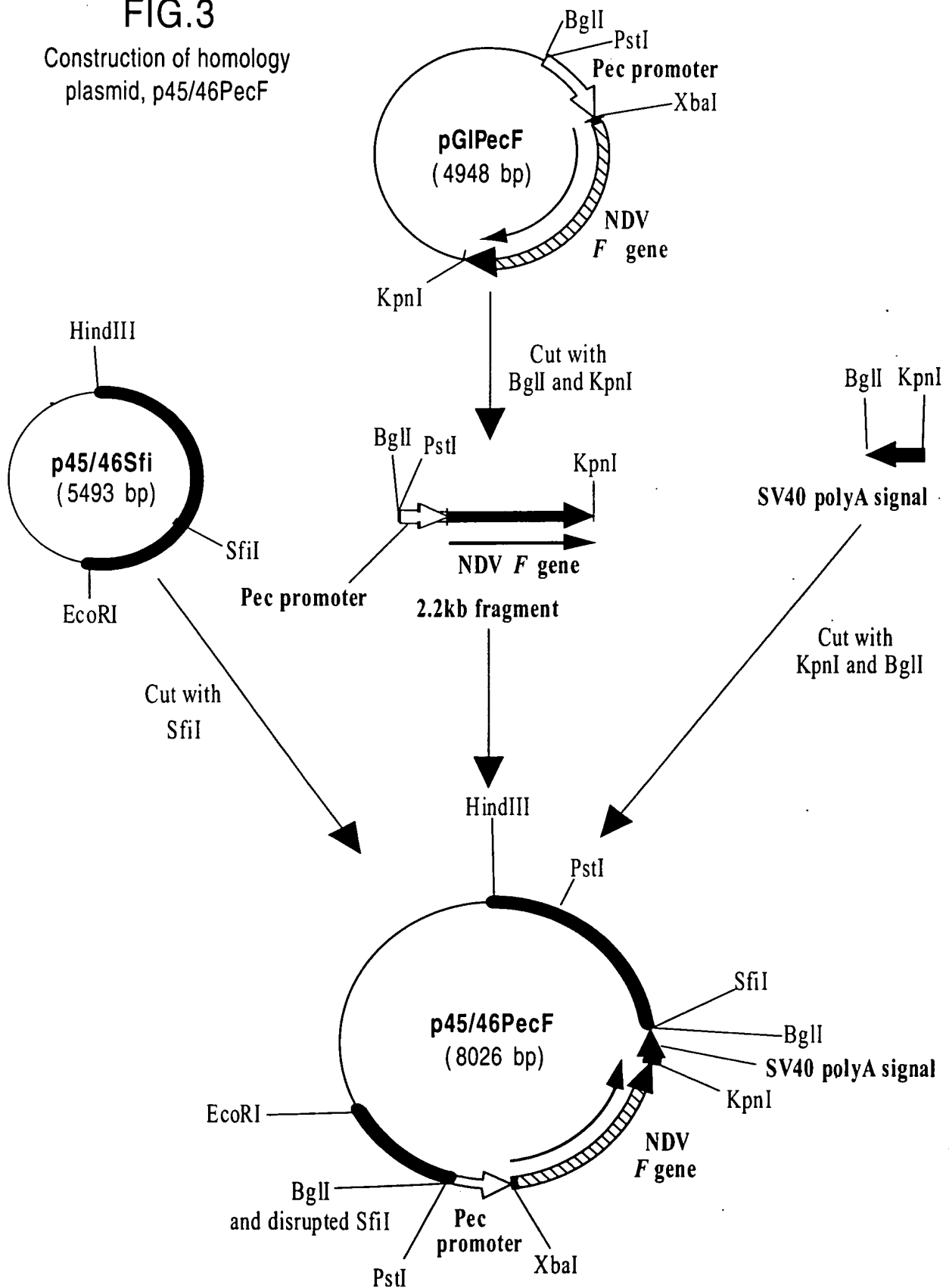


FIG.3

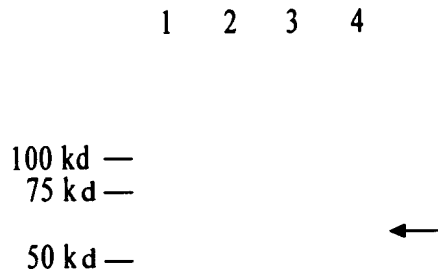
Construction of homology
plasmid, p45/46PecF



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FIG.4

Western blot assay of rHVT/NDV, rHVT/NDV passage 5, and the HVT parent strain using NDV F rabbit antiserum. Lane 1 = CEF negative control; Lane 2 = HVT parent strain; Lane 3 = rHVT/NDV; Lane 4 = rHVT/NDV passage 5. An arrow indicates the F protein with a molecular weight of 60kDa..



FIGS.5 and 6 show the ELISA titers of survived and non-survived SPF and commercial birds, respectively. As indicated, all chickens having 0.15 or more of the antibody titer (S/P value) survived the virulent NDV challenge.

FIG.5

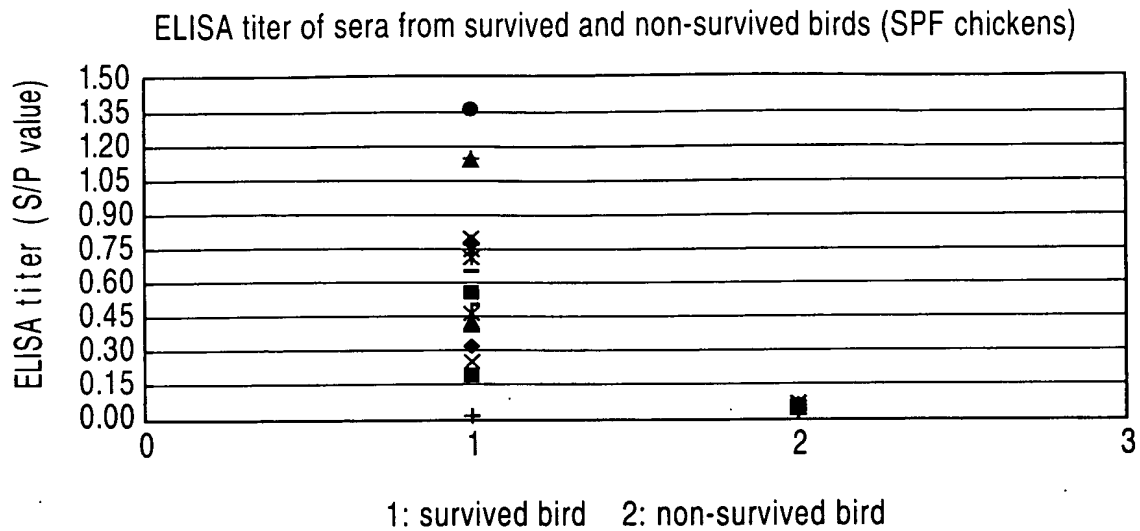


FIG.6

